

Datasheet for ABIN7153741
anti-ALG11 antibody (AA 416-480)

2 Images

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Overview

Quantity:	100 µg
Target:	ALG11
Binding Specificity:	AA 416-480
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG11 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase protein (416-480AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ALG11
Alternative Name:	ALG11 (ALG11 Products)
Background:	Background: Mannosyltransferase involved in the last steps of the synthesis of

Target Details

Man5GlcNAc(2)-PP-dolichol core oligosaccharide on the cytoplasmic face of the endoplasmic reticulum. Catalyzes the addition of the 4th and 5th mannose residues to the dolichol-linked oligosaccharide chain.

Aliases: AI849156 antibody, alg11 antibody, ALG11_HUMAN antibody, Asparagine-linked glycosylation 11 antibody, Asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (yeast) antibody, Asparagine-linked glycosylation protein 11 homolog antibody, AW492253 antibody, B230397C21 antibody, GT8 antibody, KIAA0266 antibody, OTTMUSP00000022781 antibody, RGD1564725 antibody

UniProt: [Q2TAA5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

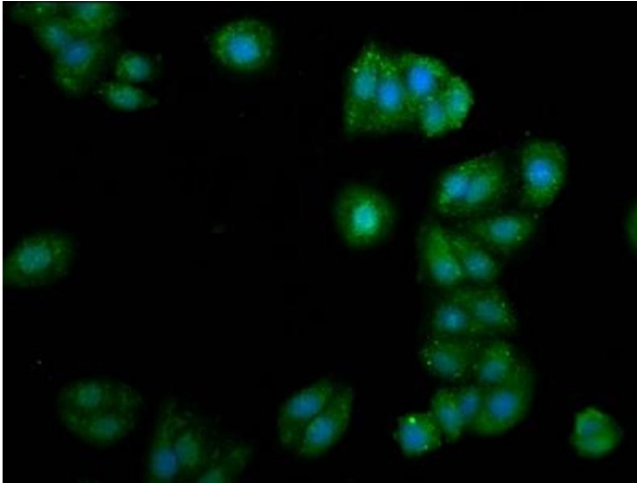
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

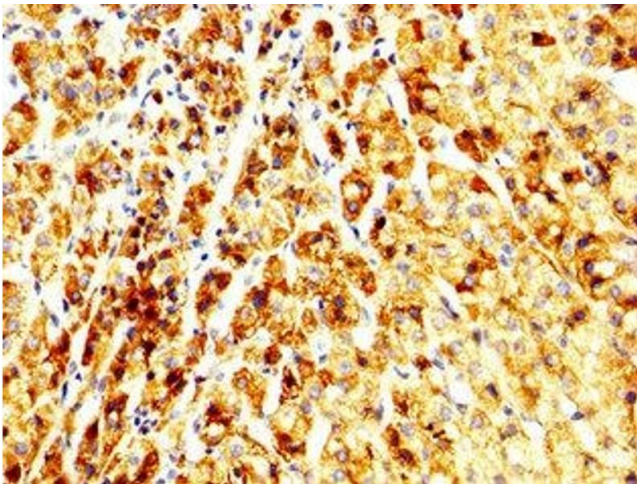
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7153741 at 1:105, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7153741 diluted at 1:250 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.